



ZF 102

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : MacIsaac  
Appl. No. : 10/722,423  
Filed : 11/28/2003  
Title : NETWORK BANDWIDTH ANOMALY DETECTOR APPARATUS,  
METHOD, SIGNALS AND MEDIUM

Grp./A.U. : 2631  
Examiner :

Docket No.: 14534

Honorable Assistant Commissioner of Patents  
Alexandria, VA 22313-1450

Sir:

**PTO CUSTOMER NO. 000293**

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

In accordance with 37 C.F.R., §§ 1.97-1.99, applicant submits the following information which may be of interest to the examiner in charge of the above referenced application for patent. Only copies of the non-US references listed on the attached Form PTO-1449 are attached.

Respectfully submitted,

DOWELL & DOWELL, P. C.

Ralph A. Dowell, Reg. No.: 26,868  
Date: November 29, 2005

DOWELL & DOWELL, P.C.  
Suite 406, 2111 Eisenhower Ave.  
Alexandria, VA 22314  
Telephone: (703) 415-2555



**INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)

Atty. Docket No.  
14534

Serial No.  
10/722,423

Applicant(s)  
MacIsaac, Gary Lorne

Filing Date  
November 28, 2003

Group  
2631

**U.S. PATENT DOCUMENTS**

* Examiner Initial		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A1	US2003/212902	13-11-2003	van der Made			
	A2	US6,665,867 B1	12-16-2003	lms et al.			

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
	B1	WO 02/06928 A2	01-24-2002	VCIS, Inc.				

**OTHER ART** (including Author, Title, Date, Pertinent Pages, Etc.)

	C1	CHEN, Thomas M.; "Worm Epidemics in High-Speed Networks", IEEE Computer Society, 2004
	C2	LAM, Lap Fan; "E-Mail Viruses Detection: Detect E-Mail Virus by Network Traffic", The Faculty of School of Engineering and Applied Science, University of Virginia, March 24, 2002
	C3	STOLL, Clifford; "Stalking the Wily Hacker", Communication of the ACM, pp. 484-497, Volume 31, Number 5, May 1988

EXAMINER

DATE CONSIDERED

\*EXAMINER:

Form PTO-A820

Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

P09C/REV03

Patent and Trademark Office \* U.S. DEPARTMENT OF COMMERCE(also form PTO-1449)



<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>	<b>Atty. Docket No.</b> 14534	<b>Serial No.</b> 10/722,423
	<b>Applicant(s)</b> MacIsaac, Gary Lorne	
	<b>Filing Date</b> November 28, 2003	<b>Group</b> 2631

**U.S. PATENT DOCUMENTS**

* Examiner Initial		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO

**OTHER ART** *(including Author, Title, Date, Pertinent Pages, Etc.)*

	C4	HELMAN, Paul and Gunar Liepins; "Statistical Foundations of Audit Trial Analysis for the Detection of Computer Misuse", IEEE Transactions on Software Engineering, pp. 886-901, Vol. 19, No. 9, September 1993
	C5	LIEPINS, G.E. and H.S. Vaccaro; "Intrusion Detection: Its Role and Validation", Computers & Security, pp. 347-355, 1992

<b>EXAMINER</b>	<b>DATE CONSIDERED</b>
-----------------	------------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.  
Form PTO-A820 P09C/REV03 Patent and Trademark Office \* U.S. DEPARTMENT OF COMMERCE(also form PTO-1449)